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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known		
				Application No.	09/707,737	
				Filing Date	11/6/00	
				First Named Inventor	Quake	
				Art Unit	1634	
				Examiner Name	Chakrabarti	
Sheet	5	Of	5	Attorney Docket No.		30260.702.501

OTHER PRIOR ART - NON PATENT RELATED DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
		ZHU, Zhengrong et al. "Directly labeled DNA probes using fluorescent nucleotides with different length linkers". <i>Nucleic Acids Research</i> , (1994), 22(16):3418-3422	
EXAMINER SIGNATURE		DATE CONSIDERED	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 3 of 10

Application Number	09/707,737
Filing Date	November 6, 2000
First Named Inventor	
Art Unit	1655
Examiner Name	Arun K. Chakrabarti
Attorney Docket Number	20174C-00181005

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U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ²	Number ⁴	Kind Code ⁵ (if known)				
	B1	PCT	WO 00/50642	A1	08/31/2000			<input type="checkbox"/>
	B2							<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1		

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Art Unit	1655
Examiner Name	Arun K. Chakrabarti
Attorney Docket Number	20174C-001810US

U.S. PATENT DOCUMENTS

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	A1	US-4,119,368	10/10/1978	Yamakazi	
	A2	US-4,344,064	08/10/1982	Bitler et al.	
	A3	US-4,707,237	11/17/1987	Lepp et al.	
	A4	US-4,793,705	12/27/1988	Shera	
	A5	US-4,971,903	11/20/1990	Hyman	
	A6	US-4,979,824	12/25/1990	Mathies et al.	
	A7	US-4,994,373	02/19/1991	Stavrianopoulos	
	A8	US-5,085,562	02/04/1992	Van Lintel	
	A9	US-5,091,652	02/25/1992	Mathies et al.	
	A10	US-5,096,388	03/17/1992	Weinberg	
	A11	US-5,143,854	09/01/1992	Pirung et al.	
	A12	US-5,171,132	12/15/1992	Miyazaki	
	A13	US-5,224,843	07/06/1993	Van Lintel	
	A14	US-5,242,787	09/07/1993	Hirschfeld	
	A15	US-5,259,737	11/09/1993	Kamisuki et al.	
	A16	US-5,302,509	04/12/1994	Cheeseman	
	A17	US-5,304,487	04/19/1994	Wilding et al.	
	A18	US-5,336,062	08/09/1994	Richter	
	A19	US-5,375,979	12/27/1994	Trah	
	A20	US-5,376,252	12/27/1994	Ekstrom	
	A21	US-5,405,747	04/11/1995	Jett et al.	
	A22	US-5,424,186	08/13/1995	Fodor et al.	
	A23	US-5,529,465	08/25/1996	Zengerle et al.	
	A24	US-5,599,695	02/04/1997	Pease et al.	
	A25	US-5,705,018	01/06/1998	Hartley	
	A26	US-5,776,782	07/07/1998	Tsuji	
	A27	US-5,831,070	11/03/1998	Pease et al.	
	A28	US-5,832,165	11/03/1998	Reichert et al.	
	A29	US-5,836,750	11/17/1998	Cabuz	
	A30	US-5,846,396	12/08/1998	Zanzucchi et al.	
	A31	US-5,861,287	01/19/1999	Metzkar et al.	
	A32	US-5,908,755	08/01/1999	Kumar et al.	
	A33	US-5,945,283	08/31/1999	Kwok et al.	
	A34	US-5,959,781	09/28/1999	Kintz et al.	

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Application Number	09/707,737
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Art Unit	1655
Examiner Name	Arun K. Chakrabarti
Attorney Docket Number	20174C-001810US

U.S. PATENT DOCUMENTS

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		Number Kind Code ² (if known)			
	A35	US-5,908,755	08/01/1999	Kumar et al.	
	A36	US-5,945,283	08/31/1999	Kwok et al.	
	A37	US-5,959,781	09/28/1999	Kintz et al.	
	A38	US-5,985,446	10/12/1999	Ishikawa, Mitsuru	
	A39	US-6,007,309	12/28/1999	Hartley	
	A40	US-6,020,457	02/01/2000	Klimash et al.	
	A41	US-6,043,080	03/28/2000	Lipshutz et al.	
	A42	US-6,094,274	06/25/2000	Yokoi	
	A43	US-6,107,044	08/22/2000	Nikiforov	
	A44	US-6,132,580	10/17/2000	Mathies et al.	
	A45	US-6,136,212	10/24/2000	Mastrangelo et al.	
	A46	US-6,177,249 B1	01/23/2001	Kwok et al.	
	A47	US-6,210,896 B1	04/03/2001	Chan	
	A48	US-6,221,592 B1	04/24/2001	Schwartz et al.	
	A49	US-6,255,063 B1	07/03/2001	Williams	
	A50	US-6,263,288 B1	07/17/2001	Gilmanshin et al.	
	A51	US-6,344,325 B1	02/05/2002	Quake et al.	
	A52	US-6,355,420 B1	03/12/2002	Chan	
	A53	US-6,361,871 B1	03/26/2002	Mathies et al.	
	A54	US-6,403,311 B1	06/11/2002	Chan	
	A55	US-2003-0022207	01/30/2003	Belasubramanian et al.	
	A56	US-2003-0084398	04/03/2003	Barnes	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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	B2	EPO	EP 0 703 364	A1	03/27/1996			<input type="checkbox"/>
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	B14	PCT	WO 96/12014	A1	04/25/1996			<input type="checkbox"/>
	B15	PCT	WO 96/12039	A1	04/25/1996			<input type="checkbox"/>
	B16	PCT	WO 96/27025	A1	09/06/1996			<input type="checkbox"/>
	B17	PCT	WO 98/07069	A1	02/19/1998			<input type="checkbox"/>
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	B21	PCT	WO 98/45481	A1	10/15/1998			<input type="checkbox"/>
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	B34	PCT	WO 01/42496	A2	06/14/2001			<input type="checkbox"/>
	B35	PCT	WO 01/57248	A2	08/09/2001			<input type="checkbox"/>
	B36	PCT	WO 01/57249	A1	08/09/2001			<input type="checkbox"/>
	B37	PCT	WO 02/00343	A2	01/03/2002			<input type="checkbox"/>
	B38	PCT	WO 02/29106	A2	04/11/2002			<input type="checkbox"/>
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	B41	PCT	WO 02/061127	A2	08/08/2002			<input type="checkbox"/>
	B42	PCT	WO 03/016565	A2	02/27/2003			<input type="checkbox"/>

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	C1	ADAM, DAVID "Individual genomes targeted in sequencing revolution", Nature, 2001, p.402, Vol. 411.	
	C2	AMBROSE, W.P. et al. "Single-Molecule Detection With Total Internal Reflection Excitation: Comparing Signal-to-Background and Total Signals in Different Geometries" Cytometry, 1999, p. 224-231, Vol. 36.	
	C3	ARNDT-JOVIN et al. "Immunofluorescence Localization of Z-DNA in Chromosomes: Quantitation by Scanning Microphotometry and Computer-assisted Image Analysis" Journal of Cell Biology, October 1985, pp. 1422-1433, Vol. 101.	
	C4	AXELROD et al. "Total internal reflection fluorescent microscopy", Journal of Microscopy, January 1983, pp. 19-28, Vol. 129, Part 1.	
	C5	AXELROD, DANIEL "Cell-Substrate Contacts Illuminated by Total Internal Reflection Fluorescence" Journal of Cell Biology, April 1981, pp. 141-145, Vol. 89	
	C6	BASCHÉ et al. Chapter 2: "Near-field Optical Imaging and Spectroscopy of Single Molecules" and Chapter 3: "Single-Molecule Detection in Analytical Chemistry", <u>Single Molecule Optical Detection, Imaging, and Spectroscopy</u> , 1997, Published by Weinheim:VCM, Germany.	
	C7	BRASLAVSKY et al. "Objective-type dark-field illumination for scattering from microbeads", Applied Optics, November 2001, p. 5650-5657, Vol. 40, No. 31	
	C8	BRASLAVSKY et al.; "Single Molecule Measurements of DNA Polymerase Activity: A Step Towards Single Molecule Sequencing", Biophysics Journal Abstracts Issue, 2002, p. 507A	
	C9	BRECHTEL et al.; "Control of the electroosmotic flow by metal-salt-containing buffers", J Chromatography A, 1995, pp. 97-105, Vol. 716	
	C10	BRYZEK et al.; "Micromachines on the March", IEEE Spectrum, 1994, pp. 20-31, Vol. 31, No. 5	
	C11	BUCHAILLOT et al.; "Silicon nitride thin films Young's modulus determination by an optical non-destructive method", Jpn. J Appl Phys, 1995, pp. L794-L797, Vol. 36, No. 2:6B	
	C12	BURGHARDT et al. "Total Internal Reflection/Fluorescence Photobleaching Recovery Study of Serum Albumin Adsorption Dynamics" Biophys. Journal, March 1981, pp. 455-468, Vol. 33	
	C13	BURGHARDT et al. "Total Internal Reflection Fluorescence Study of Energy Transfer in Surface-Adsorbed and Dissolved Bovine Serum Albumin" Biochemistry, 1983, pp. 979-985, Vol. 22.	
	C14	CHICUREL, "Faster, better, cheaper genotyping", Nature, August 2001, p. 580-582, Vol. 412, issue 6847.	

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	C15	CHIU et al.; "Patterned Deposition of Cells and Proteins onto Surfaces by Using Three-Dimensional Microfluidic Systems", Proc. Natl. Acad. Sci., 2000, pp. 2408-2413, Vol. 97, No. 6	
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Art Unit	1655
Examiner Name	Arun K. Chakrabarti
Attorney Docket Number	20174C-001810US

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